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OM protein - protein search, using sw model

Run on: August 9, 2003, 16:25:48 ; Search time 15.0857 seconds  
(without alignments)  
44.875 Million cell updates/sec

Title: US-09-905-691-4

Perfect score: 16

Sequence: 1 ARRARAARRARAEEA 16

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 328717 seqs, 42310858 residues

Word size : 0

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Issued\_Patents\_AA:\*  
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3: /cgn2\_6/ptodata/1/1aa/6A\_COMB.pep.\*  
4: /cgn2\_6/ptodata/1/1aa/6B\_COMB.pep.\*  
5: /cgn2\_6/ptodata/1/1aa/PTUS\_COMB.pep.\*  
6: /cgn2\_6/ptodata/1/1aa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description          |
|------------|-------|-------------|--------|-------|----------------------|
| 1          | 16    | 100.0       | 16     | 2     | US-08-660-592-11     |
| 2          | 16    | 100.0       | 19     | 2     | US-08-660-592-10     |
| 3          | 15    | 93.8        | 16     | 3     | US-09-166-930A-8     |
| 4          | 9     | 56.2        | 19     | 2     | US-08-660-592-4      |
| 5          | 9     | 56.2        | 19     | 3     | US-09-166-930A-4     |
| 6          | 9     | 56.2        | 92     | 4     | US-09-056-556-228    |
| 7          | 9     | 56.2        | 92     | 4     | US-09-072-596-223    |
| 8          | 9     | 56.2        | 160    | 4     | US-09-056-556-235    |
| 9          | 9     | 56.2        | 160    | 4     | US-09-072-596-230    |
| 10         | 8     | 50.0        | 409    | 4     | US-09-252-991A-32963 |
| 11         | 8     | 50.0        | 416    | 4     | US-09-252-991A-19218 |
| 12         | 8     | 50.0        | 535    | 4     | US-09-252-991A-17140 |
| 13         | 8     | 50.0        | 786    | 4     | US-09-252-991A-30441 |
| 14         | 8     | 50.0        | 869    | 4     | US-09-252-991A-17678 |
| 15         | 7     | 43.8        | 11     | 3     | US-09-208-966-6      |
| 16         | 7     | 43.8        | 19     | 2     | US-08-660-592-1      |
| 17         | 7     | 43.8        | 19     | 2     | US-08-660-592-6      |
| 18         | 7     | 43.8        | 19     | 3     | US-09-166-930A-1     |
| 19         | 7     | 43.8        | 21     | 2     | US-08-660-592-9      |
| 20         | 7     | 43.8        | 21     | 3     | US-09-166-930A-7     |
| 21         | 7     | 43.8        | 120    | 4     | US-09-702-705-797    |
| 22         | 7     | 43.8        | 120    | 4     | US-09-736-457-797    |
| 23         | 7     | 43.8        | 125    | 4     | US-09-252-991A-32594 |
| 24         | 7     | 43.8        | 142    | 4     | US-09-252-991A-28123 |
| 25         | 7     | 43.8        | 145    | 4     | US-09-252-991A-20032 |
| 26         | 7     | 43.8        | 160    | 4     | US-09-252-991A-28246 |
| 27         | 7     | 43.8        | 171    | 4     | US-09-252-991A-24631 |

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28 7 43.8 171 4 US-09-252-991A-31498 Sequence 31498, A
29 7 43.8 174 4 US-09-252-991A-30131 Sequence 30131, A
30 7 43.8 179 4 US-09-252-991A-31486 Sequence 31486, A
31 7 43.8 181 4 US-09-252-991A-30481 Sequence 30481, A
32 7 43.8 183 4 US-09-252-991A-20768 Sequence 20768, A
33 7 43.8 188 4 US-09-252-991A-28717 Sequence 28717, A
34 7 43.8 188 4 US-09-252-991A-24789 Sequence 24789, A
35 7 43.8 218 4 US-09-252-991A-31933 Sequence 31933, A
36 7 43.8 254 4 US-09-252-991A-20551 Sequence 20551, A
37 7 43.8 257 4 US-09-252-991A-31359 Sequence 31359, A
38 7 43.8 258 4 US-09-252-991A-31620 Sequence 31620, A
39 7 43.8 274 4 US-09-252-991A-20749 Sequence 20749, A
40 7 43.8 283 4 US-09-252-991A-19018 Sequence 19018, A
41 7 43.8 291 4 US-09-252-991A-17745 Sequence 17745, A
42 7 43.8 295 4 US-09-252-991A-23831 Sequence 23831, A
43 7 43.8 299 4 US-09-252-991A-21789 Sequence 21789, A
44 7 43.8 335 4 US-09-252-991A-23674 Sequence 23674, A
45 7 43.8 339 4 US-09-252-991A-20380 Sequence 20380, A

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## ALIGNMENTS

```

RESULT 1
US-08-660-592-11
; Sequence 11, Application US/08660592
; Patent No. 5877153
; GENERAL INFORMATION:
; APPLICANT: HARRIS, Robert B.
; APPLICANT: SOBEL, Michael
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,592
; FILING DATE: 11-JUN-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 006338-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-660-592-11

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Query Match 100.0%; Score 16; DB 2; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.2e-08;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ARRARAARRARAEEA 16
Db 1 ARRARAARRARAEEA 16

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RESULT 2  
US-08-660-592-10  
; Sequence 10, Application US/08660592  
; Patent No. 5877153  
; GENERAL INFORMATION:  
; APPLICANT: HARRIS, Robert B.  
; APPLICANT: SOBEL, Michael  
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 22131-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/08/660,592  
; FILING DATE: 11-JUN-1996  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McGowan, Malcolm K.  
; REGISTRATION NUMBER: 39,300  
; REFERENCE/DOCKET NUMBER: 006338-001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-08-660-592-10

Query Match 100.0%; Score 16; DB 2; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e-08;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ARRAAARRARRAAEA 16  
| | | | | | | | | | | | | | | | | | | | |  
Db 4 ARRAAARRARRAAEA 19

RESULT 3  
US-09-166-930A-8  
; Sequence 8, Application US/09166930A  
; Patent No. 6200955  
; GENERAL INFORMATION:  
; APPLICANT: HARRIS, Robert B.  
; APPLICANT: SOBEL, Michael  
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES  
; FILE REFERENCE: 006338-006  
; CURRENT APPLICATION NUMBER: US/09/166,930A  
; PRIOR FILING DATE: 1998-10-06  
; PRIOR APPLICATION NUMBER: US 08/660,592  
; PRIOR FILING DATE: 1996-06-11  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 8  
; LENGTH: 16  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Tris Arg #3  
US-09-166-930A-8

Query Match 93.8%; Score 15; DB 3; Length 16;  
Best Local Similarity 100.0%; Pred. No. 9.6e-08;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2 RRAAARRARRAAEA 16  
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Db 2 RRAAARRARRAAEA 16  
| | | | | | | | | | | | | | | | | | | | |  
RESULT 4  
US-08-660-592-4  
; Sequence 4, Application US/08660592  
; Patent No. 5877153  
; GENERAL INFORMATION:  
; APPLICANT: HARRIS, Robert B.  
; APPLICANT: SOBEL, Michael  
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 22131-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/08/660,592  
; FILING DATE: 11-JUN-1996  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McGowan, Malcolm K.  
; REGISTRATION NUMBER: 39,300  
; REFERENCE/DOCKET NUMBER: 006338-001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-08-660-592-4

Query Match 56.2%; Score 9; DB 2; Length 19;  
Best Local Similarity 100.0%; Pred. No. 0.023;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 ARAAARRA 12  
| | | | | | | | | | | | | | | | | | | | |  
Db 4 ARAAARRA 12

RESULT 5  
US-09-166-930A-4  
; Sequence 4, Application US/09166930A  
; Patent No. 6200955  
; GENERAL INFORMATION:  
; APPLICANT: HARRIS, Robert B.  
; APPLICANT: SOBEL, Michael  
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES  
; FILE REFERENCE: 006338-006  
; CURRENT APPLICATION NUMBER: US/09/166,930A  
; PRIOR FILING DATE: 1998-10-06  
; PRIOR APPLICATION NUMBER: US 08/660,592  
; PRIOR FILING DATE: 1996-06-11  
; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 4  
; LENGTH: 19  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: branched-chain  
; OTHER INFORMATION: heparin-binding peptide Arg Helix #1  
US-09-166-930A-4

Query Match 56.2%; Score 9; DB 3; Length 19;  
Best Local Similarity 100.0%; Pred. No. 0.023;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 AAAAAARRA 12  
|||||  
DB 4 AAAAAARRA 12

RESULT 6  
US-09-056-556-228  
; Sequence 228, Application US/09056556  
; Patent No. 6350456

; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Skeiky, Yasir A.W.  
; APPLICANT: Dillon, Davin C.  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PREVENTION AND  
; NUMBER OF SEQUENCES: 241  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/056,556  
; FILING DATE: 07-APR-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Maki, David J.  
; REGISTRATION NUMBER: 31,392  
; REFERENCE/DOCKET NUMBER: 210121.457

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 228:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 92 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-056-556-228

Query Match 56.2%; Score 9; DB 4; Length 92;  
Best Local Similarity 100.0%; Pred. No. 0.094;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 AAARRARAE 15  
|||||  
DB 39 AAARRARAE 47

RESULT 7  
US-09-072-596-223  
; Sequence 223, Application US/09072596

; Patent No. 6458366  
; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Skeiky, Yasir A.W.  
; APPLICANT: Dillon, Davin C.  
; APPLICANT: Campos-Neto, Antonia  
; APPLICANT: Houghton, Raymond  
; APPLICANT: Vedvick, Thomas S.  
; APPLICANT: Twardzik, Daniel R.  
; APPLICANT: Lodes, Michael J.  
; APPLICANT: Hendrickson, Ronald C.  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF  
; NUMBER OF SEQUENCES: 350  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/072,596  
; FILING DATE: 05-MAY-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Maki, David J.  
; REGISTRATION NUMBER: 31,392  
; REFERENCE/DOCKET NUMBER: 210121.417C9

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 223:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 92 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-072-596-223

Query Match 56.2%; Score 9; DB 4; Length 92;  
Best Local Similarity 100.0%; Pred. No. 0.094;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 AAARRARAE 15  
|||||  
DB 39 AAARRARAE 47

RESULT 8  
US-09-056-556-235  
; Sequence 235, Application US/09056556  
; Patent No. 6350456

; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Skeiky, Yasir A.W.  
; APPLICANT: Dillon, Davin C.  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PREVENTION AND  
; NUMBER OF SEQUENCES: 241  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/056,556  
FILING DATE: 07-APR-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Maki, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.457  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 235:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 160 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-056-556-235

Query Match 56.2%; Score 9; DB 4; Length 160;  
Best Local Similarity 100.0%; Pred. No. 0.15;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 7 AAARRARAE 15  
|||||  
Db 31 AAARRARAE 39

RESULT 9  
US-09-072-596-230  
Sequence 230, Application US/09072596  
Patent No. 6458366

GENERAL INFORMATION:  
APPLICANT: Reed, Steven G.  
APPLICANT: Skeiky, Yasir A.W.  
APPLICANT: Dillon, Devin C.  
APPLICANT: Campos-Neto, Antonia  
APPLICANT: Houghton, Raymond  
APPLICANT: Vedvick, Thomas S.  
APPLICANT: Twardzik, Daniel R.  
APPLICANT: Lodes, Michael J.  
APPLICANT: Hendrickson, Ronald C.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF  
TUBERCULOSIS  
NUMBER OF SEQUENCES: 350  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/072,596  
FILING DATE: 05-MAY-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Maki, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.417C9  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 230:  
SEQUENCE CHARACTERISTICS:

LENGTH: 160 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-072-596-230

Query Match 56.2%; Score 9; DB 4; Length 160;  
Best Local Similarity 100.0%; Pred. No. 0.15;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 AAARRARAE 15  
|||||  
Db 31 AAARRARAE 39

RESULT 10  
US-09-252-991A-32963  
Sequence 32963, Application US/09252991A  
Patent No. 6551795

GENERAL INFORMATION:  
APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONA:  
FILE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
CURRENT FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 32963  
LENGTH: 409  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-32963

Query Match 50.0%; Score 8; DB 4; Length 409;  
Best Local Similarity 100.0%; Pred. No. 2.7;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ARRAARAA 8  
|||||  
Db 14 ARRAARAA 21

RESULT 11

US-09-252-991A-19218  
Sequence 19218, Application US/09252991A  
Patent No. 6551795

GENERAL INFORMATION:  
APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONA:  
FILE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
CURRENT FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 19218  
LENGTH: 416  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
FEATURE:  
NAME/KEY: UNSURE  
LOCATION: (20)  
OTHER INFORMATION: Identity of amino acid at the above locations are unknown.  
US-09-252-991A-19218

Query Match 50.0%; Score 8; DB 4; Length 416;  
Best Local Similarity 100.0%; Pred. No. 2.7;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 ARAARRA 12  
DB 220 ARAARRA 227

RESULT 12  
US-09-252-991A-17140  
; Sequence 17140, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 17140  
; LENGTH: 535  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-17140

Query Match 50.0%; Score 8; DB 4; Length 535;  
Best Local Similarity 100.0%; Pred. No. 3.4;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 AAARRA 14  
DB 193 AAARRA 200

RESULT 13  
US-09-252-991A-30441  
; Sequence 30441, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 30441  
; LENGTH: 786  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-30441

Query Match 50.0%; Score 8; DB 4; Length 786;  
Best Local Similarity 100.0%; Pred. No. 4.8;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 AAARRA 14  
DB 583 AAARRA 590

RESULT 14  
US-09-252-991A-17678

; Sequence 17678, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 17678  
; LENGTH: 869  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-17678

Query Match 50.0%; Score 8; DB 4; Length 869;  
Best Local Similarity 100.0%; Pred. No. 5.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 RRAARRA 9  
DB 10 RRAARRA 17

RESULT 15  
US-09-208-966-6  
; Sequence 6, Application US/09208966  
; Patent No. 6221355  
; GENERAL INFORMATION:  
; APPLICANT: Dowdy, Steven F.  
; TITLE OF INVENTION: ANTI-PATHOGEN SYSTEM AND METHODS OF USE THEREOF  
; FILE REFERENCE: 48881/1742  
; CURRENT APPLICATION NUMBER: US/09/208,966  
; CURRENT FILING DATE: 1998-12-10  
; EARLIER APPLICATION NUMBER: 60/082,402  
; EARLIER FILING DATE: 1998-04-20  
; EARLIER APPLICATION NUMBER: 60/069,012  
; EARLIER FILING DATE: 1997-12-10  
; NUMBER OF SEQ ID NOS: 57  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 6  
; LENGTH: 11  
; TYPE: PRT  
; ORGANISM: human  
US-09-208-966-6

Query Match 43.8%; Score 7; DB 3; Length 11;  
Best Local Similarity 100.0%; Pred. No. 0.84;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ARRAARA 7  
DB 5 ARRAARA 11

Search completed: August 9, 2003, 16:35:21  
Job time : 15.0857 secs